

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

DR-665

Effective Date: February 1, 2014

Reevaluation Date: **December 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Architect Series Aluminum Clad Wood French Sliding Glass Fixed Door, Impact Resistant,
manufactured by

Pella Corporation

102 Main Street

Pella, Iowa 50219

Telephone: (641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Architect Series Aluminum Clad Wood French Sliding Glass Fixed Doors; O	R-PG55 48.75 x 81.5 – Type FD Missile Level D	± 55 psf
2	Architect Series Aluminum Clad Wood French Sliding Glass Fixed Doors; O	R-PG70 48.75 x 95.5 – Type FW Missile Level D	± 70 psf

Product Dimensions:

System	Overall Size	Fixed Panel Size
1	48.75" x 81.50"	46.79" x 79.47"
2	48.75" x 95.50"	46.79" x 93.47"

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Sliding French Door, Fixed
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886, ASTM E 1996, Missile Level D

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

Frame (Screw) Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing using the frame of the door with minimum No. 10 x 3" screws. Along the frame head and side jambs, the fasteners are spaced approximately 6 inches from each corner and approximately 10 inches on center. The sill is secured with minimum No. 8 x 2 ½" screws located within 6 inches of each corner and one at the mid span. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing

Frame (Clip/Screw) Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. Along each side jamb, the door is secured to the wall framing using the frame of the door with minimum 2" x 6" x 0.052" galvanized steel installation clips. The clips are spaced approximately 6 inches from each corner and approximately 10 inches on center. Each installation clip is secured to the door frame with two No. 6 x ¾" screws and secured to the wall framing with two minimum No. 6 screws. Along the head, the door is secured to the wall framing using the frame of the door with minimum No. 10 x 3" screws. The fasteners are spaced approximately 6 inches from each corner and approximately 10 inches on center. The sill is secured with minimum No. 8 x 2 ½" screws located within 6 inches of each corner and one at the mid span. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.